
UNIVERSITI SAINS MALAYSIA

Second Semester Examination
2009/2010 Academic Session

April/May 2010

RLD 504 - Hortikultur Landskap
(*Landscape Horticulture*)

Duration: 2 hours
[Masa: 2 jam]

Please check that this examination paper consists of TWO pages of printed material before you begin the examination.

Sila pastikan bahawa kertas peperiksaan ini mengandungi DUA muka surat yang tercetak sebelum anda memulakan peperiksaan ini.

Students are allowed to answer all questions either in English OR Bahasa Malaysia only.

Pelajar dibenarkan menjawab semua soalan dalam Bahasa Inggeris ATAU Bahasa Malaysia sahaja.

Answer **ALL** questions.

Jawab **SEMUA** soalan.

In the event of any discrepancies, the English version shall be used.

Sekiranya terdapat sebarang percanggahan pada soalan peperiksaan, versi Bahasa Inggeris hendaklah digunakan.

...2/-

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1. Compare and discuss the advantages and disadvantages in using:-
Bandungkan dan bincangkan kelebihan dan kelemahan menggunakan:-
(a) organic fertilizer/*baja organik*
(b) inorganic fertilizers/*baja bukan organik*

(10 marks/*markah*)
2. Describe the functions of various types of macronutrients in the life cycle of landscape plants.
Nyatakan fungsi pelbagai jenis makronutrien yang diperlukan dalam kitaran hidup tumbuhan landskap.

(20 marks/*markah*)
3. Explain the various techniques of planting turf grass.
Jelaskan teknik-teknik penanaman rumput turf.

(20 marks/*markah*)
4. With the use of sketches and descriptions, explain the purpose of landscape plants in an outdoor space.
Dengan bantuan lakaran dan penjelasan, huraikan fungsi tumbuhan landskap dalam sesuatu ruang luaran.

(20 marks/*markah*)
5. Discuss the roles and effects of adhesive force and cohesive force in the water intake process by the roots of plants.
Bincangkan peranan dan pengaruh daya lekatan dan daya lekitan terhadap proses pengambilan air oleh akar tumbuhan.

(10 marks/*markah*)
6. Discuss how pests destroy landscape plants and list out the methods to control them.
Bincangkan cara-cara perosak tumbuhan merosakkan tumbuhan landskap dan cara-cara pengawalannya.

(20 marks/*markah*)